**Data collection Template**

**Efficient feed utilization through improved feed troughs**

1. **General Information on the Beneficiary**

|  |  |
| --- | --- |
| Name |  |
| Age |  |
| Sex (code) |  |
| Religion (code) |  |
| Ethnic group |  |
| Marital status (code) |  |
| Primary activity (code) |  |
| Level of education (code) |  |
| Village / District (Cercle) |  |
| Date when data collection begins |  |
| Date when data collection ends |  |

|  |  |  |
| --- | --- | --- |
| **Sex:**  1 = Male; 2 = Female  **Marital status**  1 = Married; 2 = Single;  3 = Divorced; 4 = Other (specify)  **Religion**  1 = Christian; 2 = Muslim;  3 = Traditional; 4 = Other (specify) | **Primary Activity**  1 = Crop farming only  2 = Livestock husbandry only  3 = Crop and livestock farming  4 = Small commerce  5 = Salaried employment  6=Other (specify) | **Level of education**  0= Never attended school  1= Koranic education  2= Primary school  3= Secondary school  4= Post-secondary school  5 = Other: (specify) |

1. **Livestock ownership** (animals being managed and owned)

|  |  |  |
| --- | --- | --- |
| Animal Species | Number being managed | Number owned |
| Cattle |  |  |
| Sheep |  |  |
| Goat |  |  |

Note: There could be animals being managed that may not be owned by the respondent

1. **Feed utilization**
   1. **Traditional feed troughs** (example, spreading on the floor, use of wooden or plastic bowls) - **Morning**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Comment |
| Quantity offered |  |  |  |  |  |  |  |
| Quantity left |  |  |  |  |  |  |  |
| Number of cattle fed |  |  |  |  |  |  |  |
| Number of Sheep and goat fed |  |  |  |  |  |  |  |
| Who did the feeding? (1=Male adult; 2=Female adult; 3=Boy; 4=Girl;5=Others (Specify) |  |  |  |  |  |  |  |
| Time spent in feeding the animal |  |  |  |  |  |  |  |

**3.1 Traditional feed troughs - Evening**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Comment |
| Quantity offered |  |  |  |  |  |  |  |
| Quantity left |  |  |  |  |  |  |  |
| Number of cattle fed |  |  |  |  |  |  |  |
| Number of Sheep and goat fed |  |  |  |  |  |  |  |
| Who did the feeding? (1=Male adult; 2=Female adult; 3=Boy; 4=Girl;5=Others (Specify) |  |  |  |  |  |  |  |
| Time spent in feeding the animal |  |  |  |  |  |  |  |

**3.2 Improved feed troughs - Morning**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Comment |
| Quantity offered |  |  |  |  |  |  |  |
| Quantity left |  |  |  |  |  |  |  |
| Number of cattle fed |  |  |  |  |  |  |  |
| Number of Sheep and goat fed |  |  |  |  |  |  |  |
| Who did the feeding? (1=Male adult; 2=Female adult; 3=Boy; 4=Girl;5=Others (Specify) |  |  |  |  |  |  |  |
| Time spent in feeding the animal |  |  |  |  |  |  |  |

**3.2 Improved feed troughs - Evening**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Comment |
| Quantity offered |  |  |  |  |  |  |  |
| Quantity left |  |  |  |  |  |  |  |
| Number of cattle fed |  |  |  |  |  |  |  |
| Number of Sheep and goat fed |  |  |  |  |  |  |  |
| Who did the feeding? (1=Male adult; 2=Female adult; 3=Boy; 4=Girl;5=Others (Specify) |  |  |  |  |  |  |  |
| Time spent in feeding the animal |  |  |  |  |  |  |  |

1. **Perception of the Improved Feed troughs compared to the traditional feed troughs**

|  |  |  |
| --- | --- | --- |
| Statement | Perception 1=Completely disagree; 2=Disagree; 3=Neither disagree or agree; 4=Agree; 4=Completely agree | Comment |
| 1. There is less feed waste with the improved feed trough compared to the traditional practice |  |  |
| 2. The improved feed trough reduces feed contamination with sand, faeces, urine etc. |  |  |
| 3. The improved feed trough is comfortable for the animal to use |  |  |
| 4. The benefit of the improved feed trough outweighs the cost |  |  |
| 5. I will invest in constructing improved feed trough for my animals |  |  |
| 6. The animals eat more with the improved feed trough |  |  |
| 7. The improved feed trough increases time spent on feeding the animals |  |  |
| 8. The improved feed trough is only beneficial to those who have many animals |  |  |
| 9. The improved feed trough is difficult for women to use |  |  |
| 10. The improved feed trough will last much longer than the traditional feed trough |  |  |